

# Biomedical Sciences:

## Document 2: Self Assessment

<b>School District:</b>			
<b>Name of Campus/School:</b>			
<b>Campus/School Street Address</b>	<b>City</b>	<b>State</b>	<b>Zip Code:</b>

### Response

Yes

No

### Response Explanation

**Exceeds or meets expectations. No need for additional technical assistance at this time, although some areas, as indicated, could be improved.**

**Generally falls below expectations. Additional technical assistance and/or resource utilization would be helpful for improvement.**

## I. Program Implementation

A. Instruction		Yes	No
1.	The most current version of the PLTW curriculum is being used.		
2.	Each student is provided with the grading criteria for each project and assignment in advance.		
3.	PLTW end-of-course assessments are being administered to students at the conclusion of each course.		
4.	Gender-neutral teaching practices and materials are used for instruction.		
5.	Students are required to individually apply mathematic and scientific concepts covered in the curriculum as evidenced in the student work.		
B. Student Portfolios and Scientific Notebooks			
1.	Student portfolios are available and reflect the progression of skills developed in the PLTW course(s).		
2.	All students are required to keep written logs or journals for project activities.		
C. Software, Equipment, and Resources			
1.	A current software lease agreement has been signed by a school district official. (provide a copy for the visit)		

2.	The current revision of each software package is being used.		
3.	Equipment (including computer hardware), software, tools, and supplies meet or exceed PLTW specifications.		
4.	Considering maximum class enrollments, physical arrangement, furniture, equipment, tools, materials, and supplies in the classroom(s) and laboratories are adequate and accessible for student use.		
5.	Students have access to the internet to conduct research and communicate with mentors or advisors.		

#### **D. Teacher Selection**

Describe the criteria used to identify and recruit teachers for PLTW courses:

## **II. Professional Development**

<b>A. Names of all on site Counselors and Administrators</b>	<b>PLTW Conference Attendance (Type, Location, and Year)</b>

B. Names of PLTW Trained Teachers on Campus	PLTW Core Training Attended (Course, Location, Year)	PLTW Course(s) Currently Teaching

C. Administration		Yes	No
1.	Counselors (at least one per site) have attended a PLTW counselor conference or National PLTW symposium.		
2.	Administrators, counselors and teachers work collaboratively to provide continuous improvement to the PLTW program.		

### III. Partnership Team (Documentation to be provided at site visit.)

1. Partnership Team Membership Roster		
Member's Name	Title/Role	Business or Organization Name
<b>B. Frequency of meetings:</b>		
<b>Previous 2 meeting agendas and minutes to be provided for review at visit.</b>		

<b>D. Faculty and Administration Support</b>		<b>Yes</b>	<b>No</b>
1.	Teachers, administrators, and counselors attend and participate in partnership team meetings and activities.		

## IV. Students

### Enrollment Data

Current Year	Building Enrollment ↓	PLTW COURSES			
		PBS	HBS	MI	BI
# Sections					
<b>A. Gender</b>					
Females					
Males					
<b>PLTW Course Totals →</b>					
<b>B. Race/Ethnicity</b>					
African Americans					
American Indians/ Alaskans					
Asians					
Caucasians					
Hispanics					
Other					
<b>Total Building Enrollment:</b>					
<b>Total PLTW Enrollment</b>		<b>% school population enrolled in PLTW courses</b>			
<b>% of Building on Free and Reduced Lunches:</b>					

<b>C. Selection and Recruitment:</b>
Describe the process and criteria used to enroll students in the PLTW program.

<b>D. Concurrent Mathematics and Science:</b>
Describe the procedures in place to ensure each student is concurrently enrolled in a college preparatory mathematics and science courses.

## E. Retention:

Indicate the number of students who are progressing through the PLTW program sequence.

	PBS	HBS	MI	BI
Year 1				
Year 2				
Year 3				
Year 4				

## V. Participation in Data Collection

PLTW has contracted with a NWEA to conduct annual evaluations of the PLTW program. PLTW student data is collected through an online registration process. Long term, the data will be used to determine the success of the PLTW program.

**Provide a copy of the printed page from the PLTW designated data collection agent showing the teachers' and students' participation.**

## VI. Administrative Support

**A. Provide a copy of the school district agreement at the site visit.**

<b>B. Facilities and Equipment</b>		Yes	No
1.	The district has provided a laptop computer(s) meeting or exceeding the PLTW minimum standards for each PLTW trained teacher.		
2.	The PLTW Purchasing Manual is made available to PLTW trained teachers and administrators for planning purposes.		
3.	Adequate classroom/laboratory space is provided for students to participate in the PLTW curriculum.		

<b>C. Funding and Budget</b>		Yes	No
1.	There is funding available for teachers, counselors and administrators to attend PLTW professional development.		
2.	There is a budget for PLTW program operation.		
3.	The PLTW program budget is prepared with input from the PLTW trained teachers.		
4.	Plans have been developed for replacing and/or updating, furniture, equipment, and tools. Please explain below.		

Explanation:

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## VII. Post Secondary Education

Provide a sample of your Biomedical Science career concentration plan for the site visit.

## VIII. Communication and Outreach

A. Awareness		Yes	No
1.	The school counselors, administrators, teachers and partnership team members have made the community aware of the program.		
2.	Administrators and teachers have informed school faculty of the PLTW program.		
3.	Students are aware of the opportunity to take PLTW classes.		
4.	Parents understand the requirements and rigor of the program.		
5.	Feeder pattern schools are included in the recruitment process.		
6.	Student, class and teacher success are recognized.		
Examples of awareness, recruitment, and celebration strategies.			

<b>Date Document was completed:</b>			
<b>District Mailing Address:</b>		<b>City</b>	<b>State</b>
			<b>Zip Code</b>
<b>School's Front Office Phone #:</b>		<b>Building Fax #:</b>	<b>PLTW Implementation Date:</b>
<b>Building Principal Name:</b>			
<b>District Career/Technical Director:</b>		<b>Primary PLTW Contact:</b>	
		<b>Name:</b>	
		<b>Email:</b>	
		<b>Phone:</b>	
<b>List names and titles of Pre-assessment team members:</b>			
<b>Name:</b>		<b>Title:</b>	
<b>Name:</b>		<b>Title:</b>	
<b>Name:</b>		<b>Title:</b>	
<b>Name:</b>		<b>Title:</b>	